| FORM PTO-1449          |              |  |   | 1   | DOCKET NO: SERIA      |   |                      | SERIAL    | AL NO.: 10/645,834 |              |                |
|------------------------|--------------|--|---|---|-----------------------|---|----------------------|-----------|--------------------|--------------|----------------|
|                        |              |  |   | 5   | 58072 (47137) Not y t |   |                      | -assigned |                    |              |                |
| INFORMATION DISCLOSURE |              |  |   |   | 7                     | APPLICANT: Orwar, t al.   |                      |           |                    |              |                |
|                        |              |  |   |   |                       | FILING DATE: G  |                      | GR        | OUP NO             | ).           |                |
|                        |              |  |   |   |                       | Augr  | ast 20, 2003         | Not       | t yet as:          | signed       |                |
|                        |              |  |   |   | UNITED                | STA   | TES PATENT DOCU      | MEN       | its                |              |                |
|                        | AM.          |  | DOCUMENT  | r   |                       |   |                      |           |                    |              | FILING DATE    |
| initials               |              |  | NUMBER  |   | DATE                  |   | NAME                 | CLASS     |                    | SUBCLASS     | IF APPROPRIATE |
| WB                     |              | A1   | US2003/00222  | 68A1  | 1/30/20               | 003   | Lepple-Wienhues      |           | 435                | 29           |                |
| WB                     |              | A2   | US2002/0074227A1  |   | 6/20/20               | 0/2002 Nisch et al.   |                      |           | 204                | 450          |                |
| WB                     |              | А3   | US2003/0009112A1  |   | 1/9/2003              |   | Hammerle et al.      |           | 600                | 547          |                |
|                        |              |  |   |   | FORI                  | EIGN  | N PATENT DOCUME      | TS        |                    |              |                |
|                        |              |  | DOCUMENT  |   |                       |   |                      |           |                    |              | TRANSLATION    |
|                        |              |  | NUMBER  | D   | ATE                   |   | COUNTRY              | C         | LASS               | SUBCLASS     | YES/NO         |
|                        |              |  |   |   |                       |   |                      |           |                    |              |                |
| <u>.</u>               |              |  |   |   |                       |   | ·                    |           |                    |              |                |
|                        |              | 01   | THER DOCUME   | nts (   | INCLUDII              | NG A  | AUTHOR, TITLE, DA    | TE,       | PERTIN             | ENT PAGES,   | ETC.)          |
| W<br>                  | тв           | C1   | Sinclair, et al. "A Cell-Based Bar Code Reader for High-Throughput Screening of Ion Channel-Ligand Interactions", Anal. Chem. 2002, 74, 6133-6138.                |   |                       |   |                      |           |                    |              |                |
|                        |              | C2   |   |   |                       | on Channel Receptor Agonists Using Capillary Electrophoresis-Patch nsitized Detector Cells", Anal. Chem. 2001, 73, 1228-1233. |                      |           |                    |              |                |
|                        |              | C3   |   | Stromberg, et al., "Microfluidic Device for Combinatorial Fusion of Liposomes and Cells", Anal Chem. 2001, 73, 126-130. |                       |   |                      |           |                    |              |                |
|                        |              |  | Jardemark, et al., "Screening of Receptor Antagonists Using Agonist-Activated Patch Clamp<br>Detection in Chemical Separations", Anal. Chem. 1998, 70, 2468-2474. |   |                       |   |                      |           |                    |              |                |
|                        |              | C5   | Fishman, et al.<br>No. 7, April 1, 1  |   |                       | Scanning in Capillary Electrophoresis", Analytical Chemistry, Vol. 68, 186.   |                      |           |                    |              |                |
|                        |              | C6 Fishman, et al., "Identification of receptor ligands and receptor subtypes using antagonists in capillary electrophoresis single-cell biosensor separation system", Proc. Natl. Acad. Sci. USA, V 92, pp. 7877-7881, August 1995. |   |   |                       |   |                      |           |                    |              |                |
| /                      |              | C7   | Klemic, et al., "Micromolded PDMS planar electrode allows patch clamp electrical recordings from cells", Biosensors and Bioelectronics 17 (2002) 597-604.         |   |                       |   |                      |           | l recordings from  |              |                |
| V                      | VΒ           | C8   | Fertig, et al., "V<br>Journal, Volum  |   |                       |   | amp Recording Perfor | med       | on Plan            | a Glass Chip | ", Biophysical |
| EXAI                   | MINER        | ₹:   | /William Be   | isne:   | r/                    |   |                      | DA'       | TE: 01             | ./16/2007    |                |
|                        | <del>.</del> |  |   |   |                       |   |                      |           | ,                  |              |                |

| FORM PTO-1849                    |    |                    | DOCKET NO: SERIAL NO.: 10/645.836 58072 (47137)  APPLICANT(S): Orwar, et al.  FILING DATE: August 20, GROUP NO.: 1641 2003 |                       |       | 45.834<br>·<br> |                                  |
|----------------------------------|----|--------------------|--|-----------------------|-------|-----------------|----------------------------------|
| INFORMATION DISCLOSURE STATEMENT |    |                    |  |                       |       | · .             |                                  |
|                                  |    |                    | UNITED   | STATES PATENT DOCUME  | NTS   |                 |                                  |
| EXAM.<br>INITIALS                |    | DOCUMENT<br>NUMBER | DATE   | NAME .                | CLASS | SUBCLASS        | FILING DATE<br>IF<br>APPROPRIATE |
| WB                               | AA | 2002/0074227 A1    | 6/20/2002  | Nisch et al.          | 204   | 450             | 10/26/2001                       |
| WB                               | AB | 6,193,647 B1       | 2/27/2001  | Beebe, et al.         | 600   | 33              | 04/8/1999                        |
| WB                               | AC | 2003/0153067 A1    | 8/14/2003  | Stett et al.          | 435   | 285.2           | 01/3/2003                        |
| WB                               | AD | 6,368,851 B1       | 4/9/2002   | Baumann, et al.       | 435   | 285.2           | 5/27/1999                        |
|                                  | AE |                    |  |                       |       |                 |                                  |
| _                                | AF |                    |  |                       |       |                 |                                  |
|                                  | AG |                    |  |                       |       |                 |                                  |
|                                  | AH |                    |  |                       |       |                 |                                  |
|                                  | ΑI |                    |  |                       |       |                 | _                                |
|                                  |    |                    | FORE   | EIGN PATENT DOCUMENTS | S     |                 |                                  |
|                                  |    | DOCUMENT<br>NUMBER | DATE   | COUNTRY               | CLASS | SUBCLASS        | TRANSLATION<br>YES/NO            |
| WB                               | ВА | WO 00/20554        | 4/13/2000  | PCT c                 |       |                 |                                  |
|                                  |    |                    |  | `,                    |       |                 |                                  |
|                                  |    |                    |  |                       |       |                 |                                  |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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/William Beisner/

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01/16/2007

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Sheet 1 of 1

PTO/SB/08a/b (07-05)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| Sub   | stitute for form 1449 | MENT     |            | Complete If Known      |                        |  |  |
|-------|-----------------------|----------|------------|------------------------|------------------------|--|--|
| •     |                       |          |            | Application Number     | 10/645,834-Conf. #7644 |  |  |
| 11    | <b>IFORMATIO</b>      | N DI     | SCLOSURE   | Filing Date            | August 20, 2003        |  |  |
| S     | <b>TATEMENT</b>       | BY A     | APPLICANT  | First Named Inventor   | Daniel Chiu            |  |  |
| _     |                       |          | •          | Art Unit               | 1641                   |  |  |
|       | (Use as many s        | heets a: | necessary) | Examiner Name          | Not Yet Assigned       |  |  |
| Sheet | 1                     | of       | 1          | Attorney Docket Number | 58072(47137)           |  |  |

| U.S. PATENT DOCUMENTS |              |  |                                |  |   |  |  |  |
|-----------------------|--------------|--|--------------------------------|--|---|--|--|--|
| Examiner<br>Initials* | Cite<br>No.1 | Document Number  Number-Kind Code <sup>2</sup> ( if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |  |  |  |
|                       |              |  |                                |  |   |  |  |  |

| FOREIGN PATENT DOCUMENTS |      |   |                                   |                             |   |    |  |  |
|--------------------------|------|---|-----------------------------------|-----------------------------|---|----|--|--|
| Examiner                 | Cite | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or         | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | Τ° |  |  |
| Initials*                | No.1 | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>6</sup> (if known) |                                   | Applicant of Cited Document |   |    |  |  |
| WB                       | BA   | WO-01/25769 A2  | 04-12-2001                        |                             |   |    |  |  |
|                          | BB   | WO-02/24862 A2  | 03-22-2002                        |                             |   |    |  |  |
|                          | BC   | WO-02/024862 A3   | 03-28-2002                        |                             |   |    |  |  |
|                          | BD   | WO-02/065092 A2   | 08-22-2002                        | $\sim$                      |   |    |  |  |
| <b>17</b>                | BE   | WO-02/04943 A2  | 01-17-2002                        |                             |   |    |  |  |
| V                        | BF   | GB-2 371 626 A  | 07-31-2002                        |                             |   |    |  |  |
| WB                       | BG   | DE-199 36 302 A 1   | 02-15-2001                        |                             |   |    |  |  |

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usplo.gov">www.usplo.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

|                      |                          | NON PATENT LITERATURE DOCUMENTS   |    |
|----------------------|--------------------------|---|----|
| Examiner<br>Initials | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |

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| Signature   /WIIIIAM BEISHEF/ | Considered  | 01/10/2007   |
|                               | Toomsidered |              |

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>3</sup>Applicant is to place a check mark here if English language Translation is attached.